

C12-NBD Sphinganine

N-[12-[(7-nitro-2-1,3-benzoxadiazol-4-yl)amino]dodecanoyl]-sphinganine

810213P-500UG

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Molecular Weight	661.915
Chemical Formula	C ₃₆ H ₆₃ N ₅ O ₆
Physical State	Powder
Storage	-20°C
Expiration Date	One year from date of receipt
M Lot Number	5386PFA012
Avanti Lot Number	810213P-500UG-A-012

ANALYSIS	SPECIFICATION	RESULTS
Physical examination	Powder: Yellow to orange solid which contains no foreign matter.	Pass
TLC (9:1 Chloroform: Methanol)	>99% Purity UV: one major spot Ninhydrin: negative Iodine: one major spot Phosphorus: negative Charring: positive Water dip: one major spot	>99% Purity UV: one major spot Ninhydrin: negative Iodine: one major spot Phosphorus: negative Charring: positive Water dip: one major spot
Proton NMR	NMR Spectrum consistent with structure	Consistent with structure
Mass Spectroscopy	[M+H] ⁺ = 662.9 ± 1amu	[M+H] ⁺ = 662.5 amu

Approved by:



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